

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DATUMTE.008A	APPLICATION NO. 09/771,144
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT William Dean Warner, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 26, 2001	GROUP Unknown

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CO ↓	3,950,750	4/13/78	Churchill, et al.	—	—	
	4,003,054	1/11/77	Goldstone	—	—	
	5,369,411	11/29/94	Lisle, Jr.	—	—	
	5,381,108	1/10/95	Whitmarsh, et al.	—	—	
	5,872,538	2/16/99	Fowler	—	—	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CO	WO 98/32221	7/23/98	PCT	—	—		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CO ↓	A.I. Sinsky, et al., <i>Error Analysis of a Quadrature Coherent Detector Processor</i> , IEEE Transactions On Aerospace and Electronic Systems, November 1974, pp. 880-883.
	F.E. Churchill, et al., <i>The Correction of I and Q Errors in a Coherent Processor</i> , IEEE Transactions On Aerospace And Electronic Systems, Vol. AES-17, No. 1, January 1981, pp. 131-137.
	J. Rooms, <i>Analysis of quadrature detectors using complex envelope notation</i> , IEEE Proceedings, Vol. 136, Pt F, No. 2, April 1989, pp. 95-100.
	M. Faulkner, et al., <i>Automatic Adjustment Of Quadrature Modulators</i> , Electronics Letters, Vol. 27, No. 3, January 31, 1991, pp. 214-218.
	J.K. Cavers, et al., <i>Adaptive Compensation for Imbalance and Offset Losses in Direct Conversion Transceivers</i> , IEEE Transactions On Vehicular Technology, Vol. 42, No. 4, November 1993, pp. 581-588.
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	A. Lohia, et al., <i>Adaptive digital linearization of RF power amplifiers</i> , Can. J. Elect. & Comp Eng., Vol. 20, No. 2, 1995.
	J.K. Cavers, <i>A Fast Method for Adaptation Of Quadrature Modulators And Demodulators In Amplifier Linearization Circuits</i> , IEEE 1998, pp. 1307-1311.
G. Yang, et al., <i>IQ Modulator Image Rejection Through Modulation Pre-distortion</i> , IEEE 1998, pp. 1317-1320.	
J.K. Cavers, <i>The Effect of Quadrature Modulator and Demodulator Errors on Adaptive Digital Predistorters for Amplifier Linearization</i> , IEEE Transactions On Vehicular Technology, Vol. 46, No. 2, May 1997, pp. 458-468.	

EXAMINER <i>Curtis Odum</i>	DATE CONSIDERED <i>12/1/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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		FILING DATE January 28, 2001	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
Co	K. Gerlach, et al., <i>New Methods for Adaptation of Quadrature Modulators and Demodulators in Amplifier Linearization Circuits</i> , IEEE Transactions On Vehicular Technology, Vol. 48, No. 3, August 1997, pp. 707-716.
J	K. Gerlach, et al., <i>An Adaptive Matched Filter that Compensates for I, Q Mismatch Errors</i> , IEEE Transactions On Signal Processing, Vol. 45, No. 12, December 1997, pp. 3104-3107.
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	J.D. Owen, <i>A Comparison Of Wide Bandwidth Quadrature Demodulators Using Computer Modelling</i> , date and origin not known.

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